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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit on original and a duplicate for fee processing)
- Applicant claims small entity status.  
See 37 CFR 1.27.
- Specification [Total Pages **29**]   
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed Sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (*if filed*)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- Drawing(s) (35 U.S.C. 113) [ Total Sheets **21** ]
- Oath or Declaration [ Total Pages **1** ]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
 (for continuation/divisional or with Box 18 completed)
  - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation     Divisional     Continuation-in-part (CIP)

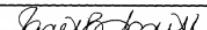
of prior application No.: \_\_\_\_\_

Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label:		24358 <small>Print Customer No. or Attach bar code label here</small>		or	<input type="checkbox"/> Correspondence address below	
Name						
Address						
City	State	Zip Code				
Country	Telephone	Fax				

Name (Print/Type)	Janet B. Smith	Registration No. (Attorney/Agent)	45,461
Signature		Date	04 April 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Please type a plus sign (+) inside this box → +

PTO/SB/21 (06-00)

Approved for use through 10/31/2002. OMB 0651-0031

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

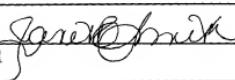
Total Number of Pages in This Submission

Application Number			
Filing Date	04 April 2001		
First Named Inventor	DURING, Matthew		
Group Art Unit			
Examiner Name			
Total Number of Pages in This Submission	59	Attorney Docket Number	DUR01-NP001

### ENCLOSURES (check all that apply)

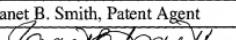
<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Response to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
	Remarks	

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Janet B. Smith, Patent Agent Thomas Jefferson University
Signature	
Date	04 April 2001

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: [04 April 2001]

Typed or printed name	Janet B. Smith, Patent Agent
Signature	
Date	04 April 2001

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 435.00)

## Complete if Known

Application Number	
Filing Date	04 April 2001
First Named Inventor	DURING, Matthew
Examiner Name	
Group Art Unit	
Attorney Docket No.	DUR01-NP001

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:  
 Deposit Account Number **50-0491**  
 Deposit Account Name **Thomas Jefferson University**
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17  
 Applicant claims small entity status. See 37 CFR 1.27
2.  Payment Enclosed:  
 Check     Credit card     Money Order     Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Description
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	
101 710	201 355	Utility filing fee			\$355.00
106 320	206 180	Design filing fee			
107 490	207 245	Plant filing fee			
108 710	208 355	Reissue filing fee			
114 150	214 75	Provisional filing fee			

Fee Paid

SUBTOTAL (1) (\$ 355.00)

## 2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Multiple Dependent	Extra Claims	Fee from below	Fee Paid
(19)	(4)		-20% =	$\boxed{5.90}$	$\boxed{=60.00}$
(4)			-3** =	$\boxed{1.20}$	$\boxed{\times 640.00 =640.00}$

Large Entity	Small Entity	Fee	Fee	Fee	Description
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)	
103 18	203 9	Claims in excess of 20			
102 80	202 40	Independent claims in excess of 3			
104 270	204 135	Multiple dependent claim, if not paid			
109 80	209 40	** Reissue independent claims over original patent			
110 18	210 9	** Reissue claims in excess of 20 and over original patent			

SUBTOTAL (2) (\$40.00)

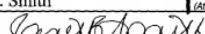
\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee	Fee	Fee	Description	Fee Paid
Code (\$)	Code (\$)	Code (\$)	Code (\$)	Code (\$)		
105 130	205 65	Surcharge - late filing fee or oath				
127 50	227 25	Surcharge - late provisional filing fee or cover sheet				
139 130	139 130	Non-English specification				
147 2,520	147 2,520	For filing a request for ex parte reexamination				
112 920*	112 920*	Requesting publication of SIR prior to Examiner action				
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action				
115 110	215 55	Extension for reply within first month				
116 390	216 195	Extension for reply within second month				
117 890	217 445	Extension for reply within third month				
118 1,390	219 695	Extension for reply within fourth month				
128 1,890	228 945	Extension for reply within fifth month				
119 310	219 155	Notice of Appeal				
120 310	220 155	Filing a brief in support of an appeal				
121 270	221 135	Request for oral hearing				
138 1,510	138 1,510	Petition to institute a public use proceeding				
140 110	240 55	Petition to revive - unavoidable				
141 1,240	241 620	Petition to revive - unintentional				
142 1,240	242 620	Utility issue fee (or reissue)				
143 440	243 220	Design issue fee				
144 600	244 300	Plant issue fee				
122 130	122 130	Petitions to the Commissioner				
123 50	123 50	Processing fee under 37 CFR 1.17(q)				
126 180	126 180	Submission of Information Disclosure Stmt				
581 40	581 40	Recording each patent assignment per property (times number of properties)				\$40.00
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))				
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))				
179 710	279 355	Request for Continued Examination (RCE)				
169 900	169 900	Request for expedited examination of a design application				
Other fee (specify) _____						
*Reduced by Basic Filing Fee Paid						SUBTOTAL (3) (\$ 40.00)

## SUBMITTED BY

Name (Print/Type)	Janet B. Smith	Registration No. (Attorney/Agent)	45,461	Telephone	(215) 503-2386
Signature		Date	04 April 2001		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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